

PROPOSED WORK ON APHIDES.

The most complete work hitherto published on *Aphides* is that of Kaltenbach. He has described 156 species, which he has distributed into the following genera:—1. *Aphis*, Linn.; 2. *Lachnus*, Illiger; 3. *Schizoneura*, Hartig; 4. *Tetraneura*, Heyden; 5. *Pemphigus*, Hartig; 6. *Vacuna*, Heyden; 7. *Phylloxera*, Fonscolombe; 8. *Rhizobius*, Burmeister; 9. *Forda*, Heyden; 10. *Trama*, Heyden; 11. *Paracletus*, Heyden. I take this opportunity to state that I shall be glad of information respecting *Aphides* and the plants which they infest, as I am engaged in describing the British species of that tribe of insects.—FRANCIS WALKER, 49 Bedford Square, July 1846.

METEOROLOGICAL OBSERVATIONS FOR JUNE 1846.

*Chiswick*.—June 1, 2. Slight haze: cloudless. 3. Slight haze: very dry air: clear and fine. 4—6. Hot and dry. 7. Sultry. 8, 9. Cloudy and fine. 10. Overcast. 11, 12. Very fine. 13, 14. Hot and dry. 15. Cloudless. 16—18. Hot and dry, with slight haze. 19. Foggy: excessively hot: clear at night. 20. Hot and sultry. 21. Uniformly overcast: fine. 22. Sultry: excessively hot: rain: at night thunder, lightning, and heavy rain. 23, 24. Densely clouded. 25. Fine. 26. Overcast: heavy showers. 27, 28. Cloudy and fine. 29. Fine, with clouds: windy: clear at night. 30. Cloudy and fine: overcast.

Mean temperature of the month .....	66°·63
Mean temperature of June 1845 .....	62·14
Average mean temperature of June for the last twenty years	60·88
Average amount of rain in June .....	1·88 inch.

*Boston*.—June 1. Cloudy. 2. Fine: half-past 11 o'clock A.M. thermometer 75°: 2 o'clock P.M. 78°. 3. Fine: 3 o'clock P.M. thermometer 80°. 4. Fine. 5. Cloudy. 6. Fine: quarter-past 2 o'clock P.M. thermometer 82°. 7. Fine. 8. Cloudy: lightning A.M. 9, 10. Cloudy. 11—17. Fine. 18. Fine: quarter-past 11 o'clock A.M. thermometer 80°. 19. Fine. 20. Cloudy. 21. Fine. 22. Cloudy: rain P.M., with thunder and lightning. 23. Rain: rain early A.M.: rain P.M. 24. Fine. 25. Fine: rain and hail, with thunder and lightning P.M. 26—28. Cloudy. 29, 30. Fine.—The past month has been considerably warmer than any month of my observations.

*Sandwick Manse, Orkney*.—June 1—3. Fine. 4. Fine: bright: fine. 5. Fine: bright: cloudy. 6. Damp. 7. Damp: cloudy. 8. Cloudy. 9. Damp: fog: cloudy. 10. Cloudy: rain. 11. Bright: rain. 12, 13. Bright: clear. 14, 15. Bright: cloudy. 16. Bright: clear. 17, 18. Fine. 19. Thunder and hail\*: cloudy. 20. Clear: fine. 21. Clear. 22. Cloudy: fog. 23. Rain and thunder: thunder and rain. 24. Drizzle: thunder and drops. 25, 26. Clear. 27. Rain: clear. 28. Bright: cloudy. 29. Bright: drops. 30. Bright: showers.

*Applegarth Manse, Dumfries-shire*.—June 1—6. Very fine. 7. Very fine: thunder. 8. Fine soft rain. 9, 10. Slight shower. 11. Fair, but cloudy. 12—16. Fair and fine. 17. Fair and fine: warm. 18. Fair and fine: thunder. 19. Slight drizzle: thunder. 20. Dry and withering. 21. Very warm and withering. 22. Very warm: showers: thunder and hail. 23. Very heavy rain. 24, 25. Showers: fair P.M. 26—29. Heavy rains. 30. Very heavy rain.

Mean temperature of the month .....	63°·2
Mean temperature of June 1845 .....	56·5
Mean temperature of June for twenty-three years	55·7
Mean rain in June for eighteen years .....	3 inches.

\* The most severe thunder-storm ever remembered: one man was killed, others knocked down, and the lightning struck various places. It was at its height between six or seven o'clock A.M.